METEOROLOGICAL JOURNAL

KEPT AT THE HOUSE OF

THE ROYAL SOCIETY,

BY ORDER OF THE

PRESIDENT AND COUNCIL.

METEOROLOGICAL JOURNAL

for January 1775.

	Time.		Therm. without	Therm. within.	Barom.	Rain.	Winds.		Weather.
	H.	M.			Inches.	Inch.	Points.	Str.	
Jan. 1	8	0	34,0	35,5	29,75		NW	1	Fine.
	2	0	41,0	37,0	29,71		NW	1	Fair.
2	8	0	29,0	34,5	30,17	0,062	W	1	Fine.
	2	0	33,0	34,0	30,19		W by N	1	Fine.
3	8	0	39,5	36,5	30,02	0,114	W by N	0	Fog.
	2	0	43,5	37,5	29,91		WNW	1	Fine.
4	8	0	39,5	40,5	29,82	0,016	W	2	Fair.
	2	0	44,0	41,5	29,87		W	1	Fine.
5	8	20	40,0	41,5	30,02		W	1	Fair.
	2	0	45,0	43,0	29,98		WNW	1	Fair.
6	8	0	45,5	44,5	29,93		WNW	1	Fine.
	2	30	48,0	46,0	30,06		WNW	1	Fine.
7	8	0	46,0	45,0	30,06		WNW	1	Fair.
	2	0	50,5	47,0	30,00		WNW	1	Fine.
8	8	0	52,0	49,0	29,92		WNW	2	Cloudy.
	2	0	54,0	50,0	29,91		WNW	1	Fair.
9	8	0	48,5	51,0	30,18	0,034	WNW	1	Cloudy.
	2	10	52,5	52,0	30,21		WNW	1	Fair.
10	8	0	48,5	51,5	30,18	0,010	WNW	1	Cloudy.
	2	0	49,5	51,5	30,11		WNW	1	Fair.
11	8	0	47,0	50,0	29,86		WNW	2	Rain.
	2	0	48,5	50,0	29,73		WNW	2	Rain.
12	8	0	41,0	48,5	29,69	0,086	WNW	1	Fine.
	2	0	47,0	49,5	29,69			1	Fine.
13	8	0	40,5	45,5	29,74	0,030		1	Fine.
	2	30	45,5	47,0	29,75			1	Fine.
14	8	30	45,5	45,0	29,75			1	Cloudy.
	2	10	49,0	46,5	29,72			1	Rain.
15	8	30	46,0	47,5	29,77	0,115		1	Rain.
	2	0	47,0	49,0	29,81			1	Cloudy.
16	8	0	41,5	45,5	29,83			2	Fine.
	2	0	47,0	47,0	29,85			1	Fine.

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METEOROLOGICAL JOURNAL
for January 1775.

	Time. H.	Time. M.	Therm. without	Therm. within,	Barom. Inches.	Rain Inch.	Winds. Points.	Winds. Str.	Weather.
Jan. 17	8	0	42,0	45,5	29,84		ESE	1	Fine.
	2	0	48,5	47,0	29,76		E	1	Fine.
18	8	0	34,0	43,5	30,03	0,055	NNW	1	Fog.
	2	0	37,5	43,5	30,04			1	Fog.
19	8	0	35,0	39,5	29,99		NE	1	Fog.
	2	0	36,0	40,0	29,94		NE	1	Fair.
20	8	0	34,0	38,5	29,88		E	1	Fog.
	2	0	33,0	39,0	29,82		ENE	1	Snow.
21	8	0	38,5	39,0	29,66	0,230	ENE	1	Fog.
	2	0	47,5	44,0	29,59		S by E	1	Fair.
22	8	0	42,0	42,5	29,51		SSE	1	Fine.
	2	0	49,5	45,0	29,47		S by E	1	Cloudy.
23	8	0	44,5	45,5	29,54	0,140	E by N	1	Rain.
	2	0	44,5	46,5	29,63		ENE	1	Fair.
24	8	0	32,0	41,5	30,13	0,204	NE	2	Cloudy.
	2	0	32,0	40,0	30,25		E by N	1	Fine.
25	8	0	25,5	33,5	30,38		E	1	Fine.
	2	15	26,5	34,0	30,285		ESE	1	Fair.
26	8	0	26,5	30,5	29,71		E	1	Snow.
	2	0	40,5	33,5	29,60		WSW	2	Fair.
27	8	0	38,5	36,0	29,78	0,098	SE	1	Fair.
	2	0	46,5	39,0	29,62		SSE	2	Fair.
28	8	0	36,0	40,5	29,62	0,127	SW	1	Fair
	2	10	45,5	42,5	29,70		WSW	1	Fine.
29	8	30	49,0	43,5	29,465	0,323	SSW	1	Fair.
	2	0	52,5	46,0	29,465		SW	1	Fair.
30	8	0	45,0	47,5	29,55		SW	1	Fine.
	2	0	49,5	48,5	29,63		SW	1	Fine.
31	8	0	50,5	49,0	29,32	0,080	SSW	3	Rain.
	2	0	53,5	50,0	29,30		SSW	2	Fair.

METEOROLOGICAL JOURNAL for February 1775.

	Time.	Therm without	Therm within.	Barom.	Rain.	Winds.		Weather.
	H. M.			Inches.	Inch.	Points.	Str	
Feb. 1	8 0	51,5	50,5	29,14	0,097	SSW	2	Rain.
	2 10	54,0	52,0	28,99		SSW	2	Fair.
2	8 0	43,0	48,5	29,52	0,167	SW	2	Fair.
	2 0	47,0	49,5	29,50		SW	2	Rain.
3	8 0	44,5	48,5	29,60	0,165	SSW	1	Rain.
	2 0	52,0	50,0	29,54		SSW	1	Rain.
4	8 0	53,0	51,5	29,565	0,034	WSW	2	Cloudy.
	2 0	55,0	52,5	29,45		WSW	2	Fair.
5	8 0	39,0	49,0	29,89	0,199	N	1	Fine, windy night.
	2 0	41,0	48,0	30,03		WNW	1	Fine.
6	8 0	39,0	44,0	30,26		SE	1	Cloudy.
	2 0	46,0	45,0	30,24		SE	1	Fair.
7	8 0	48,5	46,5	30,02	0,030	WSW	1	Fair, windy night.
	2 0	53,5	49,0	29,92		SW	2	Fair.
8	8 0	51,0	51,0	29,60	0,049	SW	2	Rain, windy night.
9	8 0	41,0	48,0	29,35	0,225	SW	2	Fair, windy night.
	2 0	48,0	49,0	29,35		SW	1	Fair.
10	8 0	37,0	45,0	29,75	0,165	W	1	Fine.
	2 0	48,5	47,0	29,65		W	1	Fine.
11	8 0	42,0	46,5	29,02	0,092	SW	2	Cloudy, windy night.
	2 0	51,0	47,5	28,98		SW	1	Fair.
12	7 45	37,5	44,5	28,94	0,268	SW	1	Fine.
	2 0	43,5	46,0	28,91		SW	1	Fair.
13	7 45	41,0	44,5	28,89	0,095	SW	1	Fair.
	2 10	46,5	45,5	28,935		SW	1	Fair.
14	8 0	40,0	43,5	29,35	0,019	WNW	1	Fair.
	2 0	45,5	45,0	29,50		WNW	2	Fair.
15	8 0	42,0	43,5	29,225	0,221	WSW	1	Cloudy.
	2 0	48,5	45,0	29,44		NNE	2	Fine.
16	8 0	36,5	42,5	29,75		S	1	Fair.
	2 0	47,0	44,5	29,55				

METEOROLOGICAL JOURNAL
for February 1775.

	Time.	Therm. without	Therm. within.	Barom.	Rain.	Winds.		Weather.
	H. M.			Inches.	Inch.	Points.	Str.	
Feb. 17	8 0	38,0	44,5	29,70		WSW	1	Fair.
	2 0	45,5	45,0	29,83		WSW	1	Fine.
18	8 0	35,0	41,5	30,07		WSW	1	Fine.
	2 0	46,5	44,0	30,15		WNN*	1	Fine.
19	8 0	43,5	42,5	30,12	0,018	N by W	1	Fine.
	2 0	48,5	44,5	30,27		N by W	1	Fine.
20	8 0	44,5	43,5	30,37		SSW	1	Fair.
	2 0	53,0	46,5	30,34		SW	2	Fair.
21	8 0	47,5	47,0	30,18	0,010	SW	2	Rain.
	2 0	49,5	49,0	30,17		NNW	2	Rain.
22	8 0	35,5	43,5	30,48	0,016	SSW	1	Fine.
	2 0	48,5	46,0	30,48		WNW	1	Fine.
23	8 0	40,0	43,5	30,30		SSW	1	Fair.
	2 30	48,5	45,5	30,19		SW	1	Fair.
24	8 0	49,0	47,5	30,11	0,058	SW	1	Cloudy.
	2 0	51,5	49,5	30,11		SW	1	Fair.
25	8 0	40,0	47,5	30,04		S	1	Fine.
	2 0	50,0	49,0	30,00		SSW	1	Fine.
26	8 0	37,5	45,5	30,08		NE	1	Fair.
	2 0	52,0	47,5	30,08		SSE	1	Fine.
27	7 45	35,0	44,5	30,14		NNE	0	Fair.
	2 0	53,5	46,5	30,14		SW	1	Fine.
28	8 0	39,0	45,0	30,09		S	1	Fair.
	2 0	54,0	47,0	30,07		SSW	1	Fine.

* So it is in the written journal, probably for WNW. S. HORSLEY.

METEOROLOGICAL JOURNAL, &c.

FOR ONE YEAR,

BEGINNING WITH THE MONTH OF MARCH, 1775.

A Committee of the Society lately appointed to regulate certain matters relating to Meteorology have determined, that the Society's Meteorological Year ſhall, from this time forward, commence with the month of March; to the end, that every ſuch year may conſiſt of one entire ſummer and one entire winter, rather than of the pieces of two different winters with the entire ſummer intervening, as muſt always be the caſe when the Meteorological Year, in conformity to the civil reckoning, begins with the month of January.

S. HORSLEY.

METEOROLOGICAL JOURNAL

for 1775.

	Time		Therm. without	Therm within.	Barom.	Rain	Winds.		Weather.
	H.	M.			Inches.	Inch.	Points.	Str.	
Mar. 1	7	0	38,5	46,0	30,00		SSW	1	Fair.
	2	0	56,0	49,5	29,93		S	1	Fine.
2	7	0	43,5	48,5	29,80	0,190	SW	0	Fair.
	2	0	50,5	50,5	29,75		W by S	1	Fine.
3	7	0	39,0	46,5	29,72		SW	1	Fair.
	2	0	44,0	48,0	29,76		W	1	Rain.
4	7	0	38,5	44,0	29,34	0,074	SE	1	Rain.
	2	0	47,0	46,5	29,07		S	1	Rain.
5	7	0	41,0	45,0	29,07	0,095	NE	1	Fair.
	2	0	43,0	46,5	29,23		N	1	Rain.
6	7	0	38,0	44,5	29,54	0,295	SSW	1	Fair.
	2	0	51,0	47,0	29,53		SSW	1	Fair.
7	7	0	38,0	45,5	29,66	0,010	SW	1	Fair.
	2	0	49,0	47,5	29,66		SSW	1	Fine.
8	7	0	35,5	44,0	29,60	0,087	S	1	Fine.
	2	0	46,0	46,0	29,47		WSW	1	Fair.
9	7	0	46,0	44,5	29,75		S by W	1	Cloudy.
	2	0	54,0	47,5	29,70		S by E	2	Fine.
10	7	0	42,0	48,0	29,61	0,169	SW	1	Fair.
	2	0	50,5	49,5	29,71		W	1	Fair.
11	7	0	43,5	47,5	29,865	0,046	SSW	2	Rain.
	2	0	47,5	48,5	29,57		SSW	2	Rain.
12	7	0	46,5	48,5	29,40	0,294	W by S	2	Fair.
	2	0	50,5	50,5	29,43		W	2	Fine.
13	7	0	39,5	46,5	30,02	0,053	W	1	Fair.
	2	0	47,0	48,0	30,27		NE	2	Fair.
14	7	0	33,0	43,0	30,60		SSW	1	Fine.
	2	0	46,0	44,5	30,61		W by S	1	Fine.
15	7	0	33,0	42,0	30,61		WSW	1	Fine.
	2	10	50,0	44,0	30,58		SW	1	Fine.
16	7	0	33,0	42,0	30,52		SSW	1	Fine.
	2	0	49,0	44,5	30,44		NNW	1	Fine.

METE-

METEOROLOGICAL JOURNAL

for 1775.

	Time.		Therm. without	Therm. within.	Barom.	Rain.	Winds.		Weather.
	H.	M.			Inches.	Inch.	Points.	Str.	
Mar. 17	7	0	35,0	43,0	30,45		SSW	1	Fine.
	2	0	52,0	46,0	30,24		SW	1	Fine.
18	7	0	40,0	44,5	30,02		SW	1	Fair.
	2	0	52,5	47,5	29,88		W by S	1	Fair.
19	7	0	39,5	46,5	29,35	0,189	W by S	1	Fair.
	2	0	45,5	48,0	29,42		N by W	1	Rain.
20	7	0	36,0	44,5	29,78	0,065	NW	1	Fine.
	2	0	51,0	47,0	29,79		W by S	1	Fair.
21	7	0	47,0	48,5	29,85		NW	1	Fair.
	2	0	58,0	52,0	30,04		NW	1	Fine.
22	7	0	47,5	50,0	30,10		SW	1	Fair.
	2	0	56,5	53,0	30,05		SW	1	Fine.
23	7	0	46,0	50,5	30,06		NW	1	Fair.
	2	0	54,5	51,5	30,13		N by W	1	Fine.
24	7	0	40,0	48,5	30,14		WSW	1	Cloudy.
	2	0	57,0	52,0	30,04		W	2	Fair.
25	7	0	48,5	50,5	29,80		S by W	2	Cloudy.
	2	0	54,0	52,5	29,68		S by W	2	Cloudy.
26	7	0	37,5	47,5	29,72	0,093	WSW	2	Fine.
	2	0	42,5	48,0	29,66		NNW	2	Rain.
27	7	0	30,5	41,5	29,79		NW	2	Fine.
	2	0	43,5	43,5	29,80	0,041	SSW	2	Fine.
28	7	0	42,5	42,5	29,28	0,025	SSW	2	Rain.
	2	0	38,0	43,0	29,31		NW	2	Fair.
29	7	0	28,5	38,0	29,30	0,079	W	1	Fine.
	2	0	39,0	39,5	29,38		W by N	1	Fine.
30	7	0	30,0	37,5	29,61	0,022	N	1	Fine.
	2	0	42,0	40,5	29,70		NNW	1	Fine.
31	7	0	29,0	37,0	29,81	0,027	NW	1	Fine.
	2	0	47,0	42,5	29,81		SW	1	Fine.

METE-

METEOROLOGICAL JOURNAL

for 1775.

	Time.	Therm without	Therm. within.	Barom.	Rain.	Winds.		Weather.
	H. M.			Inches.	Inch.	Points.	Str.	
Apr. 1.	7 0	36,5	40,0	29,94		SW	1	Fair.
	3 0	48,0	43,0	30,07		NE	1	Fair.
2	7 20	37,0	42,0	30,19		SSW	0	Fair.
	2 0	55,0	45,0	30,18		WSW	1	Fine.
3	7 0	38,5	44,5	30,18		WSW	0	Fine.
	2 0	54,5	49,5	30,13		SW	1	Fine.
4	7 0	46,0	48,0	30,00		S by W	1	Fine.
	2 0	53,0	50,0	30,00		W	1	Rain.
5	7 0	39,5	47,0	30,20		NW	1	Fine.
	2 0	54,0	49,5	30,22		NNE	1	Fine.
6	7 0	38,5	47,0	30,23		SSE	1	Fine.
	2 0	54,5	51,0	30,23		NE	1	Fair.
7	7 15	46,0	50,0	30,27		NNE	1	Fair.
	2 0	52,0	51,5	30,31		NE	2	Fair.
8	7 0	45,0	49,0	30,36		NNE	2	Fair.
	2 0	57,5	50,0	30,36		NNE	2	Fair.
9	7 0	42,5	47,5	30,36		N	1	Cloudy.
	2 0	50,5	49,5	30,355		N	1	Fine.
10	7 0	43,0	47,0	30,28		N	1	Fair.
	2 0	50,0	49,5	30,24		N by E	1	Fair.
11	7 0	45,5	48,0	30,16		SWbyW	1	Cloudy.
	2 0	57,5	52,0	30,13		W	1	Fair.
12	12 0	45,0	49,0	30,20		NE	1	Cloudy.
	2 0	54,5	51,5	30,22		NE by E	1	Fair.
13	7 0	46,0	50,0	30,26		S	1	Fine.
	2 0	56,0	52,5	30,26		NE	1	Fine.
14	7 0	43,0	49,5	30,21		S	1	Fine.
	2 0	62,0	54,0	30,07		S	2	Fine.
15	7 0	50,0	52,0	29,68		S by W	2	Cloudy.
	2 0	52,5	53,5	29,69		W by S	1	Fair.
16	7 15	47,0	50,5	29,50	0,407	SW	1	Rain.
	2 0	57,5	54,0	29,55		N by W	1	Fair.

METEOROLOGICAL JOURNAL for 1775.

	Time. H.	Time. M.	Therm. without	Therm. within.	Barom. Inches.	Rain. Inch.	Winds. Points.	Winds. Str.	Weather.
Apr. 17	7	0	50,5	53,0	29,625	0,025	WNW	1	Fine.
	2	0	59,0	55,5	29,625		N by W	1	Fair.
18	7	0	47,0	53,0	29,585		W by S	1	Fine.
	2	0	56,5	54,5	29,59		W by S	1	Fine.
19	7	0	41,0	50,0	29,63	0,118	W by N	1	Fine.
	2	0	53,5	52,5	29,725		W by N	1	Fine.
20	7	0	40,0	48,5	29,98		SSW	1	Fine.
	2	0	59,0	51,5	30,02		S	1	Fine.
21	7	0	47,0	49,0	29,99		E	1	Fine.
	2	0	60,0	53,5	29,90		ESE	1	Fine.
22	7	0	50,0	52,0	29,61	0,016	S	0	Rain.
	2	0	59,0	55,5	29,59		SW	1	Fair.
23	7	0	45,5	53,0	29,71		SW	1	Fine.
	2	0	54,0	54,5	29,85		SW	1	Fair.
24	7	0	48,0	53,5	30,02	0,116	SSW	1	Rain.
	2	0	62,0	57,0	30,08		NW	1	Fair.
25	7	0	50,0	55,0	30,19		SW	1	Fair.
	2	0	60,0	57,5	30,20		SSW	1	Fair.
26	7	0	53,5	56,5	30,18		S	1	Fair.
	2	0	72,0	61,0	30,15		S	1	Fine.
27	7	0	52,0	55,5	30,09		ENE	1	Fine.
	2	0	73,0	63,5	30,05		ESE	1	Fine.
28	7	0	55,0	57,5	30,06		NE	1	Fine.
	2	0	79,0	65,0	30,06		SW	1	Fine.
29	7	0	62,0	62,5	30,02		SE	1	Fine.
	2	0	83,5	69,0	30,02		S by E	1	Fine.
30	7	0	62,0	65,5	30,00		SE	1	Fine.
	2	0	74,0	69,0	30,01	0,386	W	1	Fine.

METEOROLOGICAL JOURNAL for 1775.

	Time.		Therm. without	Therm within.	Barom.	Rain.	Winds.		Weather.
	H.	M.			Inches.	Inch.	Points.	Str.	
May 1	7	0	54,5	63,5	30,12		NW	1	Cloudy.
	2	0	62,0	63,0	30,24		N	1	Fair.
2	7	0	51,5	60,5	30,39		SSW	1	Fair.
	2	0	68,5	63,5	30,40		W	1	Fine.
3	7	0	53,5	60,5	30,32		SSW	1	Fine.
	2	0	69,0	64,0	30,23		NW	1	Fine.
4	7	0	50,0	57,5	30,06		NE	1	Fair.
	2	0	73,0	65,5	29,95		S by E	1	Fine.
5	7	0	57,0	62,0	29,68		WSW	1	Fine.
	2	0	68,0	64,5	29,74		SSW	1	Rain.
6	7	0	49,5	57,0	29,96	0,232	N	2	Fine.
	2	0	60,5	59,0	30,06		NW	1	Fine.
7	7	0	56,0	57,5	30,14		SSW	1	Fine.
	2	0	67,0	61,0	30,13		SSW	1	Fair.
8	7	0	55,5	59,0	30,00	0,039	W	1	Cloudy.
	2	0	63,5	61,5	30,02		W by S	2	Cloudy.
9	7	0	56,0	59,0	30,08		W by S	1	Cloudy.
	2	0	67,0	63,0	30,08		SSW	2	Fine.
10	7	0	52,5	60,0	30,05		N	2	Fine.
	2	0	61,0	60,5	30,09		NW	2	Fine.
11	11	0	49,0	53,0	30,19		N	1	Fine.
	2	0	57,0	57,0	30,18		N	1	Fine.
12	7	0	48,5	55,0	30,05		W	0	Rain.
	2	0	51,5	56,5	30,02		W	1	Rain.
13	7	0	49,0	54,5	30,12	0,058	NNE	1	Fair.
	2	0	59,5	56,0	30,15		E by N	1	Fine.
14	7	0	48,0	54,5	30,26		NNE	1	Fine.
	2	0	64,5	57,0	30,26		NW	1	Fine.
15	7	0	48,5	58,5	30,17		W by S	1	Fair.
	2	0	66,0	61,5	30,11		N by W	1	Fine.
16	7	0	52 0	57,5	30,02		WNW	1	Fine.
	2	0	68,5	61,0	29,86		W by S	2	Fine.

METEOROLOGICAL JOURNAL

for 1775.

	Time.		Therm without	Therm. within.	Barom.	Rain.	Winds.		Weather.
	H.	M.			Inches.	Inch.	Points.	Str.	
May 17	7	0	51,5	59,5	29,81		NW	1	Fine.
	2	0	61,0	60,5	29,81		NW	1	Fine.
18	7	0	47,0	54,0	30,06		N	1	Fair.
	2	0	55,0	56,0	30,12		NNE	1	Fine.
19	7	0	46,0	53,0	30,00		WSW	1	Rain.
	2	0	55,0	55,0	29,92		N	1	Rain.
20	7	0	43,0	50,0	30,03	0,171	N	1	Fine.
	2	0	52,5	52,5	30,12		N	1	Fair.
21	7	20	48,5	51,5	30,20		WSW	1	Rain.
	2	0	62,5	55,0	30,21		W by N	1	Fair.
22	7	0	51,5	55,0	30,24		NE	1	Fine.
	2	0	58,0	57,5	30,25		ENE	1	Fair.
23	7	0	50,0	55,0	30,18		NE	1	Cloudy.
	2	0	56,5	66,5	30,11		ENE	1	Fair.
24	7	0	48,0	54,5	29,99		ENE	1	Cloudy.
	2	0	65,0	58,0	29,885		SE	1	Fine.
25	7	0	52,0	57,0	29,83		NNW	1	Fair.
	2	0	55,0	58,0	29,88		N	1	Fair.
26	7	0	51,0	56,0	30,06		N	1	Fair.
	2	0	50,5	57,0	30,14		NE by N	1	Rain.
27	7	0	49,0	55,0	30,24	0,052	NW	1	Fair.
	2	0	64,0	58,0	30,27		NE by N	1	Fine.
28	7	0	55,5	57,5	30,34		W	1	Fair.
	2	0	67,0	60,5	30,37		N	1	Fair.
29	7	0	57,0	60,0	30,43		SW	1	Fine.
	2	0	68,5	63,5	30,41		WNW	1	Fair.
30	7	0	58,5	62,5	30,38		SE	1	Fine.
	2	0	70,0	64,5	30,37		SE	1	Fine.
31	7	0	59,0	62,5	30,34		SSW	1	Fair.
	2	0	74,5	67,0	30,31		NNE	1	Fine.

METEOROLOGICAL JOURNAL for 1775.

	Time.		Therm without	Therm within.	Barom	Rain.	Winds.		Weather.
	H.	M.			Inches.	Inch.	Points.	Str	
June 1	7	0	57,0	63,0	30,30		ENE	1	Fine.
	2	0	69,0	66,0	30,29		E	1	Fine.
2	7	0	52,0	60,5	30,27		NNE	2	Fair.
	2	0	68,5	63,0	30,19		NE	2	Fine.
3	7	0	56,5	61,5	30,18		NE	1	Fine.
	2	0	71,0	64,0	30,15		NE	1	Fine.
4	7	0	57,5	61,5	30,15		NE	1	Fine.
	2	0	73,0	65,0	30,15		E by N	1	Fine.
5	7	0	62,0	63,5	30,12		E by N	1	Fine.
	2	0	76,0	67,5	30,065		ESE	2	Fine.
6	7	30	67,0	67,5	29,985		E by N	1	Fine.
	2	0	81,5	73,5	29,92		E by N	1	Fine.
7	7	0	66,0	69,5	29,79	0,010	NNE	1	Fair.
	2	0	79,0	73,0	29,76		E by S	1	Fair.
8	7	0	66,5	71,0	29,78	0,010	ENE	1	Fine.
	2	0	73,5	73,0	29,86		S	1	Fine.
9	7	0	62,0	68,0	29,98		E by N	1	Fine.
	2	0	77,0	72,0	29,92		SE	1	Fine.
10	7	0	65,5	70,0	29,71		SSE	1	Cloudy.
	2	0	72,5	72,0	29,82		SE	1	Cloudy.
11	7	0	56,0	67,0	29,85	0,078	NNE	1	Rain.
	2	0	71,0	69,5	29,85		ENE	1	Fair.
12	7	0	61,5	67,0	29,845	0,122	SSE	0	Fair.
	2	0	74,0	70,0	29,91		SW	1	Fine.
13	7	0	62,0	67,0	29,99		ESE	1	Fine.
	2	0	78,0	71,0	30,00		S	0	Fine.
14	7	0	64,0	68,0	30,00		NE by E	0	Fine.
	2	0	78,0	71,5	29,97		E by N	1	Fine.
15	7	0	59,0	67,5	30,04		NE	1	Fair.
	2	0	73,5	71,0	30,055		NW	1	Fine.
16	7	0	59,5	67,5	30,055		N	1	Fine.
	2	0	73,5	69,0	29,99		N	1	Fine.

METEOROLOGICAL JOURNAL
for 1775.

	Time.		Therm. without	Therm. within.	Barom.	Rain.	Winds.		Weather.
	H.	M.			Inches.	Inch.	Points.	Str.	
June 17	7	0	60,0	65,5	29,855		ENE	1	Fine.
	2	0	78,0	70 0	29,76		SSW	0	Fine.
18	7	0	58,0	66,0	29,78		NE	1	Fair.
	2	0	76,0	69,5	29,83		NNE	1	Fair.
19	7	0	59,0	65,5	30,02		NE	1	Fair.
	2	0	67,5	68,5	30,11		NNE	1	Fair.
20	7	0	62,0	65,0	30,04		SW	1	Fair.
	2	0	77,0	70,5	29,99		WSW	1	Fair.
21	7	0	61,0	66,0	30,11		NW	1	Fine.
	2	0	77,0	69,5	30,11		W	1	Fair.
22	7	0	65,0	69,0	30,065		SW	1	Fair.
	2	0	78,0	73,0	29,93		WSW	2	Fine.
23	7	0	65,5	69,5	29,93		WSW	2	Fair.
	2	0	72,0	72,0	29,86		WSW	2	Fair.
24	7	0	60,5	68,0	29,77		W	1	Cloudy.
	2	0	62,0	68,5	29,72		SW	1	Rain.
25	7	0	56,5	65,0	29,74	0,028	SW	1	Fine.
	2	0	67,0	66,0	29,82		WSW	1	Fair.
26	7	0	58,0	64,0	29,91		NNE	1	Fair.
	2	0	69,5	66,5	29,89		NNE	1	Fair.
27	7	0	57,0	63,5	29,76		NNE	1	Fair.
	2	0	66,0	64,5	29,69		NE	1	Fair.
28	7	0	57,0	61,5	29,62		E by N	1	Fair.
	2	0	59,5	62,5	29,61		SSE	1	Rain.
29	7	0	58,0	62,5	29,70	0,373	SE	1	Fine.
	2	0	63,0	64,0	29,70		SWbyW	1	Rain.
30	7	0	59,0	64,5	29,80	0,637	W	1	Fair.
	2	0	67,0	65,5	29,855		SW	1	Fine.

METE-

METEOROLOGICAL JOURNAL

for 1775.

	Time. H.	Time. M.	Therm. without	Therm. within.	Barom. Inches.	Rain. Inch.	Winds. Points.	Winds. Str.	Weather.
July 1	7	0	59,5	64,5	29,92	0,263	WNW	1	Fine.
	2	0	71,0	66,5	29,94		W	1	Fine.
2	7	0	60,0	64,5	29,90	0,053	SW	1	Fair.
	2	0	67,5	66,5	29,85		S	1	Rain.
3	7	0	61,0	64,5	29,70	0,386	SW	1	Cloudy.
	2	0	73,0	67,5	29,72		SWbyW	1	Fair.
4	7	0	61,0	66,5	29,98	0,024	W	1	Fair.
	2	0	69,5	67,0	30,03		W	1	Fair.
5	7	0	64,0	66,5	30,05		SW	1	Fair.
	2	0	73,0	69,0	30,04		SWbyW	1	Fair.
6	7	0	62,5	67,5	29,72	0,091	NE	1	Rain.
	2	0	68,0	70,5	29,59		N	1	Rain, and thunder.
7	7	0	58,0	67,5	29,69	0,359	NNW	1	Rain.
	2	0	64,0	67,5	29,78		NW	1	Fair.
8	7	0	58,0	65,5	29,84	0,058	SW	1	Cloudy.
	2	0	70,5	68,5	29,85		SW	1	Fair.
9	7	0	61,5	65,5	29,70	0,061	S	1	Rain.
	2	0	72,0	68,0	29,74		SW by S	2	Fair.
10	7	0	64,5	67,5	29,84	0,016	WSW	1	Fair.
	2	0	70,5	68,5	29,84		SW by S	2	Fair.
11	7	0	62,0	66,0	29,87	0,010	SW	1	Fine.
	2	0	68,0	68,0	29,85		SSW	2	Fair.
12	7	0	63,5	66,5	29,85	0,020	SW	1	Fair.
	2	0	59,0	66,0	29,86		SSW	1	Rain.
13	7	0	60,5	65,0	29,89	0,677	SW	1	Fair.
	2	0	68,0	67,5	29,89		SW	2	Fair.
14	7	0	62,0	66,0	29,88	0,077	SSW	1	Fair.
	2	0	64,0	67,5	29,82		NW	1	Rain.
15	7	0	59,5	65,0	29,81	0,145	NW	1	Fair.
	2	0	66,0	66,5	29,88		NW	1	Fair.
16	7	0	59,0	64,0	29,92	0,024	NW	1	Fair.
	2	0	68,5	66,0	29,92		WNW	1	Fair.

METE-

METEOROLOGICAL JOURNAL for 1775.

	Time	Therm. without	Therm. within.	Barom.	Rain.	Winds.		Weather.
	H. M			Inches.	Inch.	Points.	Str.	
July 17	7 0	59,0	63,5	30,00		NW	1	Fair.
	2 0	66,5	65,0	30,05		NW	1	Fair.
18	7 0	58,5	61,5	30,16		NNE	1	Fine.
	2 0	73,5	66,5	30,18		NW	1	Fine.
19	7 0	60,0	63,5	30,16		SSW	1	Fine.
	2 0	76,0	68,0	30,14		W by S	1	Fine.
20	7 0	62,0	65,0	30,08		SW	1	Fine.
	2 0	79,5	70,5	30,05		SWbyW	1	Fine.
21	7 0	69,0	68,5	29,93		SSE	1	Fine.
	2 0	82,0	74,0	29,91		SSE	1	Fine.
22	7 0	66,0	70,0	29,85		NW	0	Hazy.
	2 0	77,0	73,0	29,84		NW	1	Fine.
23	7 0	63,0	70,0	29,82	0,123	NE	1	Cloudy.
	2 0	75,0	73,0	29,80		WSW	1	Fair
24	7 0	61,0	67,5	29,77	0,310	ENE	0	Fair.
	2 0	74,0	70,5	29,81		SW	1	Rain.
25	7 0	59,5	67,5	29,92	0,069	WSW	1	Cloudy.
	2 0	76,5	70,0	29,91		SW	1	Fair.
26	7 0	67,0	68,5	29,87		S	1	Fair.
	2 0	76,5	70,5	29,84		SWbyW	1	Fair.
27	7 0	67,5	69,5	29,78	0,042	SE	1	Fair.
	2 0	75,5	71,0	29,78		SW	1	Fine.
28	7 0	66,0	68,0	29,78		SSE	1	Fair.
	2 0	72,5	69,5	29,72		S	1	Rain.
29	7 0	59,0	66,0	29,70	1,058	SW	1	Thunder at 18h. fair.
	2 0	66,0	66,5	29,74		S	1	Fair, much thunder aftern.
30	7 0	60,0	63,5	29,81	0,498	W	1	Fair.
	2 0	69,0	67,0	29,95		WNW	2	Fair.
31	7 0	60,0	63,5	30,04		N	1	Fine.
	2 0	69,5	67,0	30,04		NNW	1	Fine.

METEOROLOGICAL JOURNAL for 1775.

	Time.	Therm. without	Therm. within.	Barom.	Rain.	Winds.		Weather.
	H. M.			Inches.	Inch.	Points.	Str.	
Aug. 1	7 0	61,0	63,5	29,81	0,038	E	1	Rain.
	2 0	72,5	68,0	29,77		WSW	1	Fair.
2	7 0	61,0	64,0	29,73	0,152	SSW	1	Rain.
	2 0	72,5	68,5	29,69		SSW	2	Fair.
3	7 0	62,5	65,0	29,705	0,154	SSW	1	Fine.
	2 0	72,0	68,0	29,73		SSW	1	Fair.
4	7 0	62,0	65,5	29,715	0,218	S	1	Fine.
	2 0	71,0	68,5	29,74		SSW	2	Fine.
5	7 0	61,0	65,5	29,83	0,032	SW	1	Fair.
	2 0	73,5	68,0	29,85		SSW	1	Fine.
6	7 0	60,0	64,5	29,95		NNE	1	Fine.
	2 0	73,0	69,0	29,96		NNW	1	Fine.
7	7 0	62,0	66,5	30,01		W	1	Fair.
	2 0	74,5	69,5	30,01		NW	1	Fine.
8	7 0	61,0	65,5	30,02		W	1	Fine.
	2 0	75,5	70,5	29,99		NW	1	Fine.
9	7 0	64,0	67,0	29,82		SSW	1	Cloudy.
	2 0	66,0	67,5	29,70		SSE	1	Rain.
10	7 0	58,0	63,5	29,88	0,220	WSW	2	Fine.
	2 0	70,5	65,5	29,95		NW	1	Fine.
11	7 30	59,0	63,0	29,88	0,010	S	1	Rain.
	2 0	66,0	66,0	29,80		SSW	2	Cloudy.
12	7 0	57,0	63,0	29,89	0,048	SSW	1	Fine.
	2 0	68,0	66,0	29,82		SSW	1	Cloudy.
13	7 0	57,0	61,5	29,91	0,118	SSW	1	Fair.
	2 0	68,5	64,0	29,92		W	2	Fair.
14	7 0	54,0	60,0	30,04	0,012	WSW	1	Fine.
	2 0	69,5	65,0	30,07		SW	1	Fine.
15	7 0	54,5	60,0	30,05		SE	1	Fog.
	2 0	69,5	64,5	30,00		SE	1	Fine.
16	7 0	56,0	58,0	29,93	0,043	SSE	1	Fair.
	2 30	68,0	63,5	29,98		N	1	Fine.

METE-

METEOROLOGICAL JOURNAL for 1775.

	Time.		Therm. without	Therm. within.	Barom.	Rain	Winds.		Weather.
	H.	M.			Inches.	Inch.	Points.	Str.	
Aug. 17	7	0	59,5	62,5	30,02	0,029	S	1	Rain.
	2	0	70,0	65,0	30,02		S by W	2	Cloudy.
18	7	0	66,0	66,0	30,05	0,023	SSW	1	Fair.
	2	0	72,5	69,5	30,06		SSW	1	Fair.
19	7	0	62,0	66,0	29,88		NNW	1	Fair.
	2	0	70,0	68,5	29,80		NW	1	Fair.
20	7	0	57,0	63,5	29,87		SSW	1	Fine.
	2	0	65,5	65,5	29,80		SSE	2	Fair.
21	7	0	52,5	61,0	29,88		SW	0	Fine.
	2	0	65,5	64,0	29,81		S	1	Rain.
22	7	0	59,5	63,0	29,50	0,171	SWbyW	2	Fair.
	2	0	69,0	65,5	29,73		W	2	Fine.
23	7	0	56,0	62,5	30,05		SSW	1	Fine.
	2	0	73,0	65,5	30,07		S	1	Fine.
24	7	0	57,0	62,5	30,07		SSW	1	Fine.
	2	0	72,0	66,0	30,04		NW	1	Fine.
25	7	0	55,0	63,0	30,00		NE	1	Fair.
	2	0	74,0	66,0	29,92		E by N	1	Fine.
26	7	0	58,0	64,0	29,74		SE	1	Fair.
	2	0	72,0	67,0	29,66		SSW	1	Fair.
27	7	0	52,5	62,5	29,75	0,358	WSW	1	Cloudy.
	2	0	66,5	65,5	29,76		WSW	2	Cloudy.
28	7	0	60,5	62,5	29,71	0,345	SW	1	Rain.
	2	0	62,5	65,5	29,75		SSW	1	Rain.
29	7	0	56,0	61,0	29,75	0,122	S	1	Fine.
	2	0	67,0	64,5	29,76		S by W	1	Fine.
30	7	0	56,0	61,0	29,77	0,042	SSW	1	Fine.
	2	0	69,0	64,5	29,79		SW	2	Fine.
31	7	0	58,0	62,0	29,54	0,068	SE by E	2	Rain.
	2	0	69,0	66,0	29,52		SSW	2	Fair.

METEOROLOGICAL JOURNAL

for 1775.

	Time. H.	M.	Therm without	Therm. within.	Barom. Inches.	Rain. Inch.	Winds. Points.	Str.	Weather.
Sept. 1	7	0	56,5	61,0	29,85	0,171	SW	1	Fine.
	2	0	68,0	64,5	29,89		SSW	1	Fine.
2	7	0	63,0	63,5	29,85	0,115	SWbyW	2	Cloudy, much wind laſt night
	2	0	67,5	66,5	29,89		SWbyW	2	Cloudy.
3	7	0	56,5	63,5	30,00	0,020	WSW	1	Fair.
	2	0	56,0	63,5	30,05		S	1	Rain.
4	7	0	49,5	59,5	30,15	0,170	WSW	1	Fog.
	2	0	65,0	61,5	30,13		SE	1	Fine.
5	7	0	60,5	61,0	29,88	0,045	ENE	1	Fair.
	2	0	74,5	64,5	29,82		SE	1	Fine.
6	7	0	64,0	66,0	29,88		WSW	1	Fair.
	2	0	70,5	67,5	29,98		SW	1	Fine.
7	7	0	63,5	65,5	29,70	0,770	SSW	1	Fair, thunder laſt night.
	2	0	75,0	68,5	29,71		SW	1	Fine.
8	7	0	63,0	67,5	29,59	0,026	SSW	1	Fair.
	2	0	65,5	68,5	29,54		SW	1	Rain.
9	7	0	59,0	65,0	29,54	0,435	SSW	1	Fine.
	2	0	67,0	67,0	29,61		SSW	2	Cloudy.
10	7	0	57,5	63,5	29,61	0,283	SSE	1	Rain.
	2	0	68,5	66,5	29,61		SWbyW	1	Fair.
11	7	0	53,5	61,0	29,64	1,100	WSW	1	Fine.
	2	0	60,5	62,5	29,64		SSW	2	Rain.
12	7	0	47,0	56,0	29,90	0,097	WSW	1	Fine.
	2	0	60,5	59,0	29,91		W by S	1	Fine.
13	7	0	53,5	67,5	29,57	0,378	W	1	Fair.
	2	0	59,5	59,5	29,57		NW	1	Rain.
14	7	0	52,0	57,0	29,70	0,512	N	1	Rain.
	2	0	62,0	60,0	29,78		N by E	1	Fair.
15	7	0	53,5	56,5	29,68	0,184	NW	1	Fair.
	2	0	61,5	60,5	29,63		NNE	1	Cloudy.
16	7	0	54,0	57,5	29,59	0,497	NNE	1	Fair.
	2	0	62,0	59,5	29,71		WNW	1	Fine.

METEOROLOGICAL JOURNAL

for 1775.

	Time.		Therm. without	Therm. within.	Barom.	Rain.	Winds.		Weather.
	H.	M.			Inches.	Inch.	Points.	Str.	
Sept. 17	7	0	50,5	56,5	29,84		SW	1	Fair.
	2	0	65,0	60,0	29,83		SSW	1	Fine.
18	7	0	58,0	58,0	29,63		SSW	1	Cloudy.
	2	0	63,0	60,5	29,67		S by W	1	Cloudy.
19	7	0	62,0	61,5	29,70	0,282	S	1	Rain.
	2	0	66,0	63,5	29,79		SWbyW	1	Cloudy.
20	7	0	61,0	62,5	29,81	0,018	S	1	Fair.
	2	0	71,0	66,0	29,74		S	1	Fine.
21	7	0	61,0	63,5	29,51		S	1	Cloudy.
	2	0	66,5	65,0	29,60		S	2	Fine.
22	7	0	56,0	61,0	29,88	0,089	S	1	Fine.
	2	0	70,5	65,5	29,95		ESE	1	Fine.
23	7	0	56,5	60,5	29,90		ENE	1	Fine.
	2	0	69,5	66,0	29,87		ESE	1	Fine.
24	7	0	58,0	61,5	29,78		NE	1	Fine.
	2	0	71,5	67,0	29,75		ENE	1	Fine.
25	7	0	58,5	62,0	29,73		NE	1	Fair.
	2	0	70,5	66,5	29,72		E	1	Fine.
26	7	0	53,5	60,5	29,69		NNE	1	Fine.
	2	0	70,0	66,0	29,69		SSW	1	Fine.
27	7	0	57,5	62,5	29,79		WSW	1	Fair.
	2	0	64,0	64,0	29,85		W	1	Fair.
28	7	0	47,0	59,0	29,84		SW	1	Fine.
	2	0	63,0	61,5	29,84		SSW	1	Fair.
29	7	0	50,5	59,5	29,84		WSW	1	Fair.
	2	0	63,5	62,0	29,855		W	1	Fair.
30	7	0	50,0	58,5	29,82		SW	0	Fair.
	2	20	63,0	61,0	29,85		N by E	1	Fine.

METEOROLOGICAL JOURNAL for 1775.

	Time. H.	Time. M.	Therm. without	Therm. within.	Barom. Inches.	Rain. Inch.	Winds. Points.	Winds. Str.	Weather.
Oct. 1	7	0	50,0	57,5	29,92		NE	1	Fair.
	2	0	64,5	61,0	29,94		NNE	1	Fine.
2	7	0	49,5	54,5	29,80		NE	0	Fog.
	2	0	63,5	59,0	29,68		NE by E	1	Fair.
3	7	0	56,0	58,5	29,40	0,037	N	1	Fair.
	2	0	63,0	60,0	29,42		WSW	1	Fine.
4	7	0	57,5	57,5	29,555		W	1	Cloudy.
	2	0	58,0	58,5	29,68		W	1	Fine.
5	7	0	40,5	52,5	29,82		SSW	1	Fine.
	2	0	57,0	54,0	29,81		W by N	1	Fine.
6	7	0	49,0	51,5	29,73		SSW	1	Cloudy.
	2	0	55,5	54,0	29,70		WSW	1	Rain.
7	7	0	51,0	52,5	29,63	0,257	S by W	1	Rain.
	2	0	53,0	54,0	29,76		W	1	Fine.
8	7	0	42,5	48,5	30,07	0,178	SW	1	Fine.
	2	0	57,5	52,5	30,09		WSW	1	Fine.
9	7	0	59,5	54,5	29,77	0,191	SW	1	Rain.
	2	0	66,0	57,5	29,84		SW	1	Fair.
10	7	0	47,5	55,5	30,00		SW	1	Fine.
	2	0	61,0	58,5	30,05		SW	1	Fair.
11	7	0	50,5	56,0	30,06		SW	1	Fair.
	2	0	62,5	68,0	30,07		WSW	1	Fine.
12	7	0	58,5	58,5	29,95		SSW	1	Cloudy.
	2	0	63,5	60,0	29,92		SW	1	Fair.
13	7	0	56,0	60,5	29,82	0,027	SW	1	Fair.
	2	0	63,0	61,5	29,84		WSW	1	Fair.
14	7	0	46,5	55,0	29,91		SSW	1	Fine.
	2	0	58,0	57,5	29,91		SW	1	Fine.
15	7	0	43,5	52,5	29,98		SW	1	Fair.
	2	0	57,0	54,5	30,05		W	1	Fair.
16	7	0	41,0	51,0	30,21		S	1	Fog.
	2	0	57,0	53,5	30,13		SWbyW	1	Fine.

METE-

METEOROLOGICAL JOURNAL

for 1775.

	Time.		Therm without	Therm. within.	Barom.	Rain.	Winds.		Weather.
	H.	M.			Inches.	Inch.	Points.	Str.	
Oct	17	7 0	55,0	54,0	29,95	0,112	W	0	Fog.
		2 0	62,0	57,0	29,89		SW	0	Fair.
	18	7 0	51,0	56,5	29,43	0,612	SW	1	Fair.
		2 0	55,0	57,5	29,48		WSW	2	Fair.
	19	7 0	41,5	53,0	29,70	0,208	SSW	1	Fine.
		2 0	53,0	53,5	29,42		S	2	Cloudy.
	20	7 0	43,0	50,0	29,16	0,369	S by W	3	Windy night.
		2 0	49,0	50,5	29,23		WSW	2	Fine.
	21	7 0	43,0	48,5	29,20		SW	1	Fine.
		2 0	54,5	50,5	29,55		WSW	2	Fine.
	22	7 0	43,0	48,5	29,77	0,019	SW	1	Cloudy.
		2 0	44,5	49,0	29,69		ENE	1	Rain.
	23	7 0	39,0	46,5	30,09	0,348	NW	1	Fine.
		2 0	51,0	48,5	30,20		NW	1	Fair.
	24	7 0	42,5	47,5	30,05		S by W	1	Fair.
		2 0	47,0	49,5	29,98		NW	2	Rain.
	25	7 0	37,0	45,0	30,04	0,010	N	1	Fine.
		2 0	44,0	45,5	30,16		NW	1	Fine.
	26	7 0	32,0	41,5	30,25		W	1	Fine.
		2 0	46,0	43,0	30,26		NNW	1	Fine.
	27	7 0	39,0	43,0	30,24		W	1	Fair.
		2 0	48,0	45,0	30,19		WSW	1	Fine.
	28	7 0	44,0	45,0	29,98		SW	1	Cloudy.
		2 0	52,0	47,5	29,91		W	1	Fair.
	29	7 0	40,0	46,5	30,00	0,020	N	1	Fine.
		3 30	48,0	47,0	30,07		NNW	1	Fair.
	30	7 0	34,0	44,0	30,13		SSW	1	Fair.
		2 0	45,0	44,5	30,14		S	1	Fair.
	31	7 0	41,0	44,0	29,94	0,039	E	0	Rain.
		2 0	47,0	45,5	29,80		SSW	1	Rain.

METEOROLOGICAL JOURNAL

for 1775.

	Time. H.	Time. M.	Therm. without	Therm. within.	Barom. Inches.	Rain. Inch.	Winds. Points.	Winds. Str.	Weather.
Nov. 1	8	0	51,0	48,0	29,59	0,985	SSW	0	Rain.
	2	0	55,5	50,5	29,63		WNW	1	Fair.
2	8	0	41,0	46,0	29,75		NE	1	Fair.
	2	0	46,0	48,5	29,81		ENE	2	Fine.
3	8	0	40,0	44,5	29,84		ENE	1	Fair.
	2	0	46,5	46,0	29,84		ENE	1	Fair.
4	8	0	41,5	43,5	29,77		NE	1	Fair.
	2	0	46,0	45,0	29,72		ENE	1	Fair.
5	8	0	42,0	43,5	29,57	0,057	ENE	1	Rain.
	2	0	42,5	45,0	29,50		ENE	1	Rain.
6	8	0	46,0	46,0	29,42	0,133	ENE	1	Rain.
	2	0	48,0	47,5	29,37		ESE	1	Rain.
7	8	0	45,5	48,5	29,33	0,194	NE	1	Rain.
	2	0	47,0	49,0	29,33		NE	1	Rain.
8	8	0	46,0	48,5	29,41		N	1	Cloudy.
	2	0	48,5	49,5	29,49		NNW	1	Rain.
9	8	0	42,0	47,0	29,70		N	1	Fair.
	2	0	46,0	48,0	29,86		N by E	1	Fine.
10	8	0	33,0	44,5	30,00		SW	1	Fair.
	2	0	42,0	45,0	30,00		SW	1	Fair.
11	8	0	38,0	42,5	29,78		E	1	Fog.
	2	0	47,5	44,5	29,68		E	1	Fair.
12	8	0	45,5	45,5	29,49	0,063	ESE	1	Cloudy.
	2	0	57,5	47,5	29,37		SW	1	Rain.
13	8	0	53,5	51,5	29,01	0,119	S by W	2	Rain.
	2	0	55,0	53,0	29,00		WSW	1	Cloudy.
14	8	0	40,0	46,5	29,41	0,211	NW	2	Fine.
	2	0	44,5	46,5	29,57		NW by W	2	Fine.
15	8	0	33,5	42,0	29,69		SW	1	Fair.
	2	0	37,5	42,5	29,62		NW	1	Rain.
16	8	0	31,0	40,0	29,64	0,163	N	1	Fine.
	2	0	40,0	40,5	29,78		N	1	Fine.

METE-

METEOROLOGICAL JOURNAL

for 1775.

	Time.		Therm. without	Therm. within.	Barom.	Rain.	Winds.		Weather.
	H.	M.			Inches.	Inch.	Points.	Str.	
Nov. 17	8	0	37,5	40,0	29,68	0,019	SE	1	Rain.
	2	0	46,5	41,0	29,27		SSW	1	Rain.
18	8	0	41,0	44,0	29,16	0,758	NW	2	Cloudy.
	2	0	41,5	44,0	29,41		N	2	Cloudy.
19	8	0	35,0	40,5	30,05	0,048	N	1	Fine.
	2	0	39,0	41,0	30,14		N	1	Fine.
20	8	0	35,0	39,0	30,15		S by W	1	Fair.
	2	0	41,0	40,5	30,13		SSE	1	Cloudy.
21	8	0	40,0	41,0	30,30	0,072	SE	1	Cloudy.
	2	0	42,5	40,0	30,33		E	1	Fair.
22	8	0	28,0	37,0	30,40		N	1	Fine.
	2	0	36,5	38,0	30,36		NNE	1	Fair.
23	8	0	36,5	38,0	30,17	0,040	SW	1	Fog.
	2	0	40,5	39,0	30,15		NE	1	Cloudy.
24	8	0	36,0	38,0	30,15	0,025	NNE	1	Fair.
	2	0	41,0	39,5	30,12		NE	1	Fair.
25	8	0	36,0	40,0	30,06		NE	1	Fair.
	2	0	40,0	40,5	30,02		NNE	1	Cloudy.
26	8	0	35,5	40,0	30,01	0,025	SE	1	Cloudy.
	2	0	38,0	40,0	30,01		SSE	1	Rain.
27	8	0	37,5	40,0	29,99		E	1	Fog.
	2	0	39,5	40,5	29,94		ESE	1	Fair.
28	8	0	37,5	39,5	29,80		ENE	1	Rain.
	2	0	40,5	41,0	29,77		SE	1	Rain.
29	8	0	45,0	42,5	29,67	0,010	SSE	1	Fair.
	2	0	49,5	44,0	29,55		S	1	Rain.
30	8	0	54,5	48,0	29,89	0,019	SE	1	Fair.
	2	0	57,0	50,0	29,90		SSW	1	Fair.

METEOROLOGICAL JOURNAL

for 1775.

	Time. H.	M.	Therm. without	Therm within.	Barom. Inches.	Rain. Inch.	Winds. Points.	Str.	Weather.
Dec. 1	8	0	55 0	54,5	30,18		S	1	Fair.
	2	0	58,0	55,0	30,19		S	1	Fine.
2	8	0	51,0	54,0	30,20		SW	1	Fair.
	2	0	53,5	56,0	30,18		SW	1	Fine.
3	8	0	50,0	53,0	30,21		SW	1	Fair.
	2	0	55,5	54,5	30,22		WSW	1	Fair.
4	8	0	52,0	54,5	30,33		WSW	1	Fog.
	2	0	53,0	54,0	30,36		WSW	1	Cloudy.
5	8	0	47,5	53,5	30,41		WSW	1	Cloudy.
	2	0	49,5	53,0	30,40		SW	1	Cloudy.
6	8	0	42,0	48,0	30,46		N	1	Fine.
	2	0	47,0	50,0	30,48		N	1	Fine.
7	8	0	38,0	46,5	30,57		SSW	1	Fog.
	2	0	44,0	46,5	30,53		N by W	1	Fair.
8	8	0	45,0	46,5	30,45		WSW	1	Fog.
	2	0	49,0	47,5	30,40		SW	1	Cloudy.
9	8	0	37,0	44,0	30,45		N	1	Fine.
	2	0	41,5	44,0	30,49		N	1	Fine.
10	8	0	33,0	40,0	30,55		NNE	1	Fine.
	2	0	38,5	40,5	30,57		NNE	1	Fine.
11	8	0	32,5	37,5	30,51		SW	1	Fog.
	2	0	41,0	39,0	30,48		SSW	1	Fine.
12	8	0	34,5	38,0	30,45		SSW	1	Fine.
	2	0	40,0	40,0	30,42		S	1	Fine.
13	8	0	27,0	35,5	30,33		SW	1	Fine.
	2	0	40,0	37,0	30,26		SW	1	Fair.
14	8	0	46,5	40,0	30,20	0,030	W	0	Fog.
	2	0	48,0	43,0	30,24		N	1	Fair.
15	8	0	33,5	40,5	30,33		ENE	1	Fair.
	2	0	36,0	41,0	30,32		NNE	1	Fair.
16	8	0	34,5	38,0	30,40		NE	0	Foggy.
	2	0	41,0	39,0	30,41		NE	1	Foggy.

METE-

METEOROLOGICAL JOURNAL for 1775.

	Time. H.	M.	Therm. without	Therm. within.	Barom. Inches.	Rain Inch.	Winds. Points.	Str.	Weather.
Dec. 17	8	0	30,5	36,5	30,45		E	1	Fine.
	2	0	34,0	37,0	30,55		SE	1	Fine.
18	8	0	31,0	34,0	30,535		ENE	1	Fair.
	2	0	35,5	34,5	30,47		NE	1	Fine.
19	8	0	29,0	34,0	30,32		NE	1	Fair.
	2	0	37,5	35,0	30,29		ENE	1	Fog.
20	8	0	35,0	34,0	30,12		E	1	Fog.
	2	0	36,0	37,0	29,98		SE	1	Fair.
21	8	0	37,5	37,0	29,38		SSE	1	Fog.
	2	0	46,5	39,0	29,21		SSW	1	Fair.
22	8	0	41,0	42,5	29,30	0,050	SW	1	Fog.
	2	0	46,0	43,5	29,41		SW	1	Fine.
23	8	0	48,5	45,5	29,13	0,146	SSW	2	Rain.
	2	0	51,0	47,0	29,06		SSW	2	Fine.
24	8	0	45,0	46,0	28,80	0,114	SE by E	2	Rain.
	2	0	47,0	47,0	28,60		SSW	2	Rain.
25	8	0	38,5	44,0	28,97	0,035	SSE	1	Fine.
	3	0	45,5	47,0	28,99		SW	1	Fair.
26	8	0	40,0	43,0	29,42		WSW	0	Fair.
	2	0	43,5	43,5	29,50		SW	1	Fine.
27	8	0	33,0	41,5	29,80		SSW	1	Fog.
	2	0	40,0	42,0	29,86			1	Fair.
28	8	30	29,0	38,5	29,96		NNE	1	Foggy.
	2	0	38,0	39,0	29,86		SSE	1	Fair.
29	8	0	39,0	39,5	29,68	0,144	SSW	1	Rainy.
	2	0	43,5	41,5	29,81		NNW	1	Fair.
30	8	0	30,5	38,0	29,96		NNE	1	Foggy.
	2	0	40,0	39,0	29,91		S	1	Fine.
31	8	0	32,0	38,0	30,12	0,057	SSW	1	Fair.
	2	0	38,5	38,5	30,14		S	1	Fair.

METEOROLOGICAL JOURNAL
for January 1776.

	Time.		Therm. without	Therm. within.	Barom.	Rain.	Winds.		Weather.
	H.	M.			Inches.	Inch.	Points.	Str.	
Jan. 1	8	0	38,5	39,0	29,94		SE	1	Cloudy.
	2	0	41,0	40,0	29,82		S	1	Fine.
2	8	0	41,0	41,5	29,50	0,075	NNW	1	Rain.
	2	0	40,5	41,5	29,69		NNW	1	Cloudy.
3	8	0	36,0	39,5	30,09	0,065	NE	1	Cloudy.
	2	0	37,0	40,5	30,14		E	1	Fine.
4	8	0	39,0	38,5	29,77	0,031	SSE	1	Rain.
	2	0	44,0	40,0	29,50		S	2	Rain.
5	8	0	44,5	43,5	29,40	0,444	SW	1	Fair.
	2	0	48,5	45,5	29,48		WSW	1	Cloudy.
6	8	0	36,0	43,5	29,63		WSW	1	Fine.
	2	10	41,5	44,0	29,57		E by N	1	Fair.
7	8	30	33,0	39,5	29,245	0,153	ENE	2	Rain.
	2	0	31,0	38,0	29,35		ENE	2	Snow.
8	8	0	30,0	34,0	29,46	0,229	NE	1	Much ſnow laſt night.
	2	0	32,0	35,5	29,49		N	1	Fair.
9	8	0	30,0	34,5	29,63	0,079	N	1	Cloudy.
	2	0	28,5	33,5	29,67		ENE	1	Cloudy.
10	8	0	30,5	33,5	29,73		NNE	1	Cloudy.
	2	0	33,0	34,0	29,73		NW	1	Cloudy.
11	8	0	30,0	31,5	29,57		E	1	Cloudy.
	2	0	35,0	33,5	29,41		SE	1	Cloudy.
12	8	0	30,0	33,0	29,21	0,091	E	2	Much ſnow and wind laſt nt.
	2	0	32,0	34,0	29,21		ENE	2	Snow.
13	8	0	30,0	32,5	29,32		NE	2	Much ſnow and wind laſt nt.
	2	0	29,0	32,0	29,36		NE	2	Cloudy.
14	8	0	25,0	30,0	29,45		ENE	2	Snow.
	2	0	26,0	29,0	29,49		NE	2	Snow.
15	8	0	26,0	29,0	29,70		N	1	Cloudy.
	2	0	29,0	30,5	29,70		ENE	1	Snow.
16	8	0	25,5	29,0	29,71		NNE	1	Snow.
	2	0	30,5	30,5	29,70		NE	1	Snow.

METEOROLOGICAL JOURNAL

for January 1776.

	Time. H.	Time. M.	Therm. without	Therm. within.	Barom.	Rain.	Winds. Points.	Winds. Str.	Weather.
					Inches.	Inch.			
Jan 17	8	0	28,0	29,5	29,74		NNE	1	Cloudy.
	2	0	30,5	30,5	29,74		NNE	1	Cloudy.
18	8	0	33,0	32,0	29,87		ENE	1	Cloudy.
	2	0	30,0	31,5	29,90		ENE	1	Cloudy.
19	8	0	27,0	30,5	29,90		NE	1	Snow.
	2	0	27,0	31,0	29,85		NE	1	Fair.
20	8	0	23,5	29,0	29,70		N	1	Fair.
	2	0	24,0	29,0	29,70		N	1	Fine.
21	8	0	22,0	27,0	29,62		SSW	1	Cloudy.
	2	0	28,5	27,5	29,55		SSW	1	Fine.
22	8	0	30,5	28,5	29,41		E	1	Fair.
	2	0	33,5	30,5	29,39		NE	1	Fine.
23	8	0	25,0	28,5	29,53		NE	1	Fair.
	2	0	33,0	30,0	29,58		NNE	1	Snow.
24	8	0	30,0	30,0	29,81		ENE	0	Cloudy.
	2	0	35,0	31,5	29,84		NE by E	1	Fair.
25	8	0	29,0	31,5	29,87		NE	1	Cloudy.
	2	0	33,0	32,5	29,85		SE	1	Fair.
26	8	0	26,0	30,5	29,82		E	1	Cloudy.
	2	0	26,0	30,5	29,82		SSE	2	Fine.
27	8	0	19,5	26,0	29,80		ENE	2	Snow.
	2	0	20,5	25,5	29,79		ENE	2	Snow.
28	8	0	18,5	22,5	29,94		E	2	Snow.
	2	0	22,0	23,0	30,00		E	2	Fine.
29	8	0	14,5	20,0	29,91		SE	1	Fine.
	2	0	24,0	21,5	29,88		SE by E	1	Fair.
30	8	0	15,0	19,5	29,97		NE	1	Fair.
	2	0	21,0	20,5	30,02		E	1	Fine.
31	8	0	13,5	19,5	30,09		NE	1	Fair.
	2	0	23,5	20,5	30,07		E	1	Fine.

METEOROLOGICAL JOURNAL
for February 1776.

	Time.		Therm. without	Therm. within.	Barom.	Rain.	Winds.		Weather.
	H.	M.			Inches.	Inch.	Points.	Str.	
Feb. 1	8	0	14,5	19,0	29,97		NE	1	Fair.
	2	0	31,5	31,5	29,86		E	1	Cloudy.
2	8	0	37,0	28,5	29,78		NE	0	Cloudy.
	2	0	40,5	31,0	29,57		SE by E	1	Fair.
3	8	0	37,0	34,5	29,34	0,093	SSE	1	Fog.
	2	0	44,0	36,0	29,51		S by W	1	Fine.
4	8	20	44,0	38,5	29,22		SW	2	Cloudy.
	2	0	48,0	41,0	29,22		SW	1	Cloudy.
5	8	0	40,5	42,0	29,16	0,153	WSW	2	Fine.
	2	0	48,0	44,0	29,11		SWbyW	2	Fine.
6	8	0	37,0	42,5	28,98	0,221	WSW	2	Fine.
	2	0	45,0	44,0	29,02		WSW	2	Fine.
7	8	0	43,0	42,0	28,91		SWbyW	2	Fair.
	2	0	47,5	43,5	29,07		SW	2	Fair.
8	8	0	40,0	42,5	29,66	0,190	SW	1	Rain.
	2	0	49,5	44,5	29,62		SSW	2	Cloudy.
9	8	0	41,0	44,5	29,78	0,190	SSW	1	Fine.
	2	0	45,5	45,5	29,58		S	2	Cloudy.
10	8	0	42,0	46,0	28,99	0,524	SWbyW	2	Rain.
	2	0	48,0	47,0	28,97		SW	2	Fair.
11	8	0	42,5	45,0	28,84	0,275	SW	2	Fair.
	2	0	45,5	46,0	28,84		SSW	2	Rain.
12	8	0	34,0	42,0	29,10		SSW	1	Fair.
	2	0	46,0	44,0	29,24		WSW	1	Fine.
13	8	0	36,5	42,5	29,68		SW	1	Fine.
	2	0	47,0	44,0	29,71		WSW	1	Fine.
14	8	0	47,0	45,0	29,51	0,163	SW	2	Fair.
	2	0	51,0	48,0	29,53		S by W	1	Fine.
15	8	0	38,0	44,5	29,96		SSW	1	Fine.
	2	0	48,0	46,5	29,91		SSW	2	Fair.
16	8	0	42,0	46,0	29,75	0,085	SW	1	Fine.
	2	0	49,5	47,5	29,78		SW	1	Fair.

METE-

METEOROLOGICAL JOURNAL
for February 1776.

	Time.		Therm. without	Therm. within.	Barom.	Rain.	Winds.		Weather.
	H.	M.			Inches.	Inch.	Points.	Str.	
Feb. 17	8	0	36,0	43,0	29,68	0,021	ENE	1	Rainy.
	2	0	43,5	42,5	29,53		E	1	Fair.
18	7	0	35,5	42,0	29,43	0,270	SSW	1	Fair.
	2	0	39,5	42,0	29,25		NE	1	Cloudy.
19	7	0	38,5	42,0	29,34	0,140	SW	1	Rainy.
	2	0	41,5	41,5	29,62		NW	1	Fair.
20	7	0	41,5	40,5	29,775	0,089	S	1	Rainy.
	2	0	50,0	44,0	29,80		W by S	1	Fine.
21	7	0	49,5	45,5	29,58		WSW	2	Cloudy.
	2	0	54,5	49,0	29,50		WSW	2	Fair.
22	7	0	36,5	44,0	29,62	0,412	SW	1	Fine.
	2	0	45,0	45,0	29,41		SSE	3	Rain.
23	7	0	35,0	40,5	29,38	0,148	WSW	1	Fine.
	2	0	45,5	44,0	29,50		WSW	2	Fair.
24	7	0	39,0	41,0	29,25	0,079	SSE	1	Rain.
	2	0	46,0	48,0	29,10		WSW	1	Rain.
25	7	0	37,0	40,0	29,50	0,102	N	1	Cloudy.
	2	0	43,0	41,5	29,55		SSW	1	Fair.
26	7	0	46,0	43,5	29,18		SSW	1	Cloudy.
	2	0	53,0	46,5	29,13		S by W	2	Cloudy.
27	7	0	39,5	43,0	29,155	0,149	SSW	2	Cloudy.
	2	0	48,0	45,0	29,26		WSW	2	Fair.
28	7	0	43,0	43,5	29,11	0,140	SSW	2	Fair.
	2	0	47,0	45,5	29,17		SW	2	Fair.
29	7	0	38,0	43,0	29,35	0,066	SSW	1	Fine.
	2	0	48,0	45,0	29,35		WSW	1	Fine.

METE-

1775.	Thermometer without.			Thermometer within.			Barometer.		
	Greateſt Height.	Leaſt Height.	Mean Height.	Greateſt Height.	Leaſt Height.	Mean Height.	Greateſt Height.	Leaſt Height.	Mean Height.
January,	54,0	25,5	42,7	52,0	30,5	43,5	30,38	29,30	29,84
February,	55,0	35,0	44,5	52,5	41,5	45,7	30,48	28,89	29,24
March,	58,0	28,5	43,9	53,0	37,0	46,1	30,61	29,07	29,67
April,	83,5	36,5	52,8	69,0	40,0	52,7	30,36	29,50	30,026
May,	74,5	43,0	57,8	67,5	50,0	58,5	30,43	29,68	30,12
June,	81,5	52,0	66,3	73,5	60,5	67,3	30,30	29,61	29,91
July,	82,0	58,0	66,1	74,0	61,5	67,3	30,18	29,59	29,88
Auguſt,	75,5	52,5	64,3	70,5	58,0	64,8	30,07	29,50	29,86
September,	75,0	47,0	61,1	68,5	56,0	62,6	30,15	29,51	29,756
October,	66,0	32,0	50,5	68,0	41,5	52,4	30,26	29,16	29,86
November,	57,0	28,0	42,5	53,0	37,0	43,7	30,36	29,16	29,76
December,	58,0	27,0	41,2	56,0	34,0	43,0	30,57	28,60	30,06
1776. January,	44,5	13,5	29,3	43,5	20,5	31,8	30,14	29,21	29,687
February,	49,5	14,5	42,6	46,0	19,0	42,4	29,97	28,84	29,408
Whole year, beginning with March 1775.			51,5			52,7			29,833

VARIATION

VARIATION-NEEDLE.

	7 h. A.M.	12 h. M.	2 h. P.M.	10 or 11 h. P.M.	Daily Mean.
June 18	21 34	21 48	21 45	21 36	21 41
19	21 31	21 53	21 55	21 38	21 46
20	21 35	21 53	21 50	21 41	21 45
21	21 39		21 50	21 41	21 43
22	21 39	21 50	21 50	21 40	21 45
23	21 37	21 47	21 50	21 41	21 44
24	21 44	21 45	21 52	21 47	21 47
25	21 40	21 45	21 46	21 40	21 43
26	21 40	21 47	21 47	21 30	21 41
27	21 30	21 46	21 46	21 43	21 41
28	21 37	21 47	21 47	21 40	21 43
29	21 38	21 39	21 45	21 38	21 40
30	21 37	21 43	21 47	21 40	21 44
July 1	21 34	21 44	21 47	21 38	21 41
2	21 37	21 47	21 48	21 36	21 42
3	21 42	21 45	21 48	21 40	21 44
4	21 37	21 47	21 45	21 42	21 43
Means,	21 37	21 47	21 48	21 39	

Mean of all 21 43.

DIPPING-

DIPPING-NEEDLE.

		7 h. A.M.	12 h. M.	2 h. P.M.	11 h.	Mean.
		° ′	° ′	° ′	° ′	° ′
Divided face of inſtrument to the Weſt,	June 19	72 30	72 33	72 28	72 32	72 32
	20	72 30	72 28	72 32	72 30	
	21	72 38		72 32	72 25	
	22	72 27	72 38	72 32	72 30	
	23	72 26	72 30	72 28	72 32	
	24	72 38	72 28	72 30	72 26	
	25	72 34	72 37	72 40	72 32	
East.	26	72 33	72 33	72 34	72 24	72 32
	27	72 28	72 33	72 32	72 33	
	28	72 35	72 35	72 34	72 32	
	29	72 32	72 30	72 44	72 33	
June 29, Poles changed, marked end points upwards.						
East,	June 29			72 44	72 33	72 40
	30	72 35	72 45	72 45	72 45	
	July 1	72 33	72 45	72 45	72 32	
Weſt,	2	72 24	72 15	72 17	72 20	72 17
	3	72 14	72 13	72 12	72 15	
	4	72 17	72 18	72 18	72 18	

Mean of the four means, or the true dip, 72° 30′.

THE END OF PART I. OF VOL. LXVI.